

U.S. Patent Application Serial No. 09/594,577
Amendment dated October 2, 2003
Reply to OA of July 2, 2003

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gjn
12/02/03

IN THE CLAIMS

Please cancel claim 36 without prejudice or disclaimer.

Please amend claims 31-33 and 37-44 as follows:

1-30. (Canceled).

31. (Currently Amended): A method for detecting cancer, comprising the steps of:

i) a) adding to a **first** portion of a sample to be assayed:

a first protein, said first protein being one that selectively binds to a first sugar chain structure on a carcinoembryonic antigen; and

an antibody against a constant region of carcinoembryonic antigens; and

(b) detecting if a complex is formed of said first protein, said antibody and carcinoembryonic antigen;

ii) a) adding to a **second** portion of said sample to be assayed:

a second protein, said second protein being one that selectively binds to a second sugar chain structure on a carcinoembryonic antigen, different from said first sugar chain structure; and

said antibody against a constant region of carcinoembryonic antigens; and

(b) detecting if a complex is formed of said second protein, said antibody, and carcinoembryonic antigen; and

iii) determining the presence of a particular cancer based on whether complexes are detected